ZyXEL

ZyXEL green

www.zyxel.com/green

- Ultra-compact design for optimal portability
- Latest 802.11n compliance with data transfer rates of up to 300 Mbps*
- Soft AP feature for sharing wireless Internet access
- Wi-Fi WMM certified for prioritizing multimedia streaming
- One-touch WPS button for easy wireless security setup
- Green adapter saves energy effortlessly

NWD2205

Wireless N USB Adapter

Upgrade Wireless Connection in A Green Way

Benefits

Ultra-compact design for optimal portability

The compact, lightweight design of NWD2205 offers excellent portability. Users can easily plug NWD2205 to a USB connector on desktop or laptop computers to upgrade the network speed instantly. In addition, with bundled USB cable users can easily adjust the direction of NWD2205.

Latest 802.11n compliance with data transfer rates of up to 300 Mbps*

The ZyXEL NWD2205 USB adapter brings you faster wireless connection. With the data transfer rate of up to 300 Mbps*, which is over 5 times faster than the 802.11g standard, the NWD2205 offers you the high-speed connection everywhere under Wi-Fi coverage. It not only provides a high-speed network capability, but also works with your existing 802.11b/g network.

Soft AP feature for sharing wireless Internet access

With the built-in soft AP function, the NWD2205 can help users to create wireless networks instantly. Just plug NWD2205 into a desktop or laptop computer connecting to a cable or xDSL modem, all other wireless-capable devices can connect to the Internet through the NWD2205.

Wi-Fi WMM certified for prioritizing multimedia streaming

With WMM QoS support, the NWD2205 is an excellent solution for you to deliver time-sensitive applications such as video and voice streaming. It significantly enhances your experience on audio, video and voice applications by prioritizing data traffic, so you can enjoy and share multimedia contents with your family or friends without interruption.

One-touch WPS button for easy wireless security setup

Establishing a secure wireless network is no longer a hassle. The WPS (Wi-Fi Protected Setup) feature takes just a few seconds to set up a secure wireless network without complicated procedures. A click on the WPS button is all it needs to set up a secure wireless network easily.

Power-Saving Mode

Auto-Adjust Output Power

bg WiFi n CERTIFIED

Wi-Fi PROTECTED SETUP

Designed for Microsoft Windows XP

CERTIFIED FOR Windows Vista

Compatible with Windows 7

Mac Universal

NWD2205

Wireless N USB Adapter

Green adapter saves energy effortlessly

The ZyXEL NWD2205 brings you not only a plug-and-play wireless solution but also a smart way to save energy. Without complicated setup, just plug the NWD2205 into your laptop or PC, and it automatically adjusts wireless output power by detecting the distance from the device to the wireless access point. If the PC equipped with NWD2205 is close to the wireless access point, NWD2205 lowers the output power to reduce power consumption. When there is no transmission traffic, the NWD2205 will enter the power-saving mode to save electricity.

Specifications

System Specifications

- Compliant with 802.11 standard
- Backwards compatible with 802.11b/g
- Wireless data transfer rate:
  - Transmit: 300 Mbps*
  - Receive: 300 Mbps*
- Wi-Fi Multimedia (WMM) support
- Wireless security:
  - WEP, WPA, WPA-PSK, WPA2, WPA2-PSK, 802.1x
  - WPS hardware button, WPS software feature
  - Soft AP mode support
- Wireless green feature:
  - Automatically adjust wireless output power by detecting the distance between NWD2205 and wireless access point
  - Enter power-saving mode when no traffic

Hardware Specifications

- Operation voltage: DC 5 V
- One WPS button with Link/Act LED
- One USB 1.1/2.0 port
- Power consumption:
  - Transmit: 315 mA
  - Receive: 250 mA

Physical Specifications

- Item dimensions (WxDxH):
  36 x 18 x 6 mm (1.42" x 0.71" x 0.24")
- Item weight: 3 g (0.01 lb.)
- Packing dimensions (WxDxH):
  95 x 20 x 135 mm(3.74" x 0.79" x 5.31")
- Packing weight: 81 g (0.18 lb.)

Environmental Specifications

- Operating environment:
  - Temperature: 0°C to 50°C (32°F to 122°F)
  - Humidity: 20% to 90% (Non-condensing)
- Storage environment:
  - Temperature: -30°C to 70°C (-22°F to 158°F)
  - Humidity: 10% to 90% (Non-condensing)

Certification

- FCC/CE/IC/NCC
- Wi-Fi 11b/g/n, WMM, WPS
- WHQL for Windows XP/Vista/7

OS Support

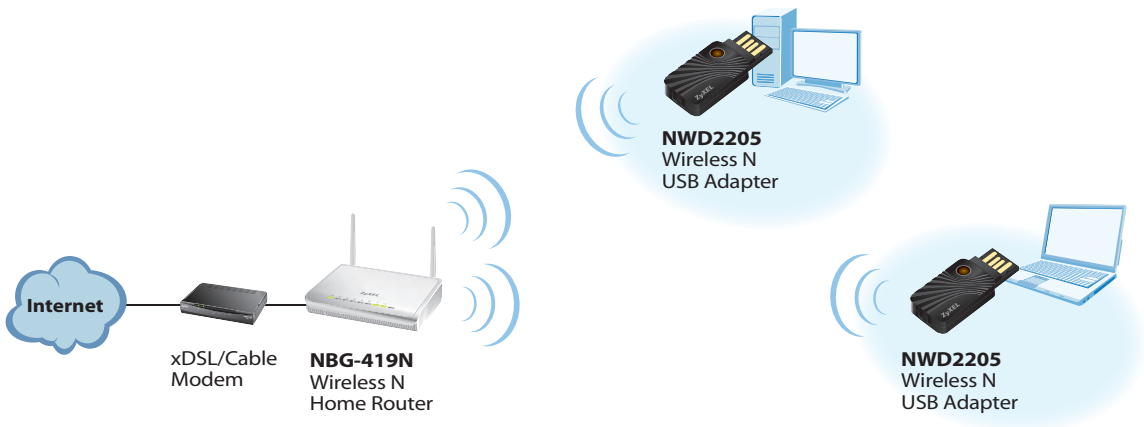
- Microsoft Windows XP, Vista, and 7 (32-bit/64-bit)
- MAC OS X v10.4, v10.5, and v10.6

Package Contents

- Wireless USB Adapter
- Support CD
- Quick start guide
- USB extension cable
- Warranty card

** The maximum wireless data transfer rate is derived from IEEE Standard 802.11 specifications. Actual data transfer rate will vary from network environment including: distance, network traffic, building site materials/construction, interference from other wireless devices, and other adverse conditions.*

Application Diagram



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